

DATASHEET

TVUC-B01-0401-DOM-W

UltraSync Wi-Fi dome camera

MAIN FEATURES

- UltraSync Wi-Fi dome camera
- 4MP
- 30 m IR
- Wi-Fi
- 2.8 mm
- IP66
- audio
- 32 GB SD storage
- white

TECHNICAL SPECIFICATIONS

Power supply

Operating voltage	12 VDC $\pm$ 25%, 0.5 A, Ø5.5 mm coaxial power plug, reverse polarity protection12 VDC power adapter included
Power consumption	max. 6 W

Physical characteristics

Sensor size	1/3"
Color sensitivity	Color: 0.005 lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Physical dimensions	Ø 126 × 96.1 mm (5 × 3.8 in.)
Net weight	Approx. 590 g (1.3 lb.)
Shipping weight	Approx. 989 g (2.2 lb.)
Colour	White
Material	Aluminium, Plastic

Environmental characteristics

Environment	Outdoor
Operating temperature	-30 to +60°C (-22 to +140°F)
Storage temperature	-30 to 60°C (-22 to +140°F)
Relative humidity	<95% noncondensing
IP rating	IP66

Other characteristics

Technology	IP
Video standard	NTSC, PAL

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Software compatibility

Note	Advisor Advanced Pro mobile app., TVRmobile, UltraSync+ mobile app., Web Browser
Max. resolution	For integrated setup with xGenConnect, use UltraSync+ mobile app
Sensor scan	4 MP
Sensor type	Progressive
Digital S/N ratio	CMOS
Shutter time	≥52 dB
WDR	1/3 to 1/100, 000 s
Day/night	120 dB
Motorized IR cut filter	True Day/Night
Infrared (IR)	Yes
IR range	Yes
IR wavelength	Up to 30 m
Video streams	850 nm
Main stream compression	2
Sub stream compression	H.264, H.264+, H.265, H.265+
Video bit rate	H.264, H.265, MJPEG
Main stream resolutions	32 Kbps to 8 Mbps
Sub stream resolutions	1280 x 720 (XVGA), 1920 x 1080 (1080p), 2304 x 1296, 2560 x 1440
Max. resolution @ fps	1280 x 720 (XVGA), 640 x 360 (nHD), 640 x 480 (VGA)
Lens type	2560 x 1440 @ 20 fps
Focal length	Fixed
f-stop	2.8 mm, Horizontal FoV 95°, Vertical FoV 53°, Diagonal FoV 111°
Auto iris	F1.6
Detection	No
Observation	63 m
Recognition	25 m
Identification	12 m
Network interface	6 m
Integration	RJ-45 10/100 Mbps self-adaptive Ethernet interface
Supported network protocols	ISAPI, ONVIF Profile G, ONVIF Profile S
WiFi standards	Bonjour, DDNS, DHCP, DNS, HTTP, HTTPS, ICMP, IGMP, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SNMP, TCP/IP, UPnP
DSSS, 802.11g	802.11n: OFDM, 802.11b
Channel bandwidth	OFDM
WiFi range	20/40 MHz
	Up to 120 m (The performance can vary based on installation environment)

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Frequency range	2.412 to 2.472 GHz
Transfer rates	802.11n: up to 300 Mbps
Modulation	802.11n: BPSK, QPSK, 16QAM, and 64QAM, 802.11b: DBPSK and DQPSK, CCK, 802.11g: BPSK, QPSK, 16QAM, and 64QAM
Audio compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM
Audio in	Built-in microphone
Audio out	Built-in speaker
Audio bit rate	64 Kbps (G.711)/16 Kbps (G.722.1) / 16 Kbps (G.726) / 32 to 160 Kbps (MP2L2)
Local storage support	Yes
Local storage type	Built-in Micro SD/SDHC/SDXC card slot with 32 GB SD card pre-installed
Max. SD card capacity	256 GB
Alarm trigger	HDD error, Invalid login, IP address conflict, Network disconnected
ROI	Support 1 fixed region for main stream
Smart event	Advanced motion detection, Motion detection
Form Factor	Dome
Compliance	CE, REACH, RED (2014/53/EU), RoHS, WEEE
Category	Reference
Brackets & Mounts	TVD-BB5